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(54) Title: HEAT CURABLE ADHESIVE COMPOSITION, ARTICLE, SEMICONDUCTOR APPARATUS AND METHOD

(57) Abstract: Provided are a heat curable adhesive composition and an adhesive article suited for dicing of a semiconductor and die-bonding of the diced semiconductor chip, and a semiconductor apparatus and a process for preparing a semiconductor apparatus using the adhesive composition and article. In one embodiment, the present invention provides a heat curable adhesive composition comprising a caprolactone-modified epoxy resin and a tack reducing component. Another embodiment of the present invention provides an adhesive article comprising a heat curable adhesive layer of a heat curable adhesive composition comprising a caprolactone-modified epoxy resin, a tack reducing component, and a backing layer carrying said adhesive layer on at least a portion of the backing layer.